

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2003/002068

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01L 21/27 // H01L 27/02
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0159843 A1 (CONEXANT SYSTEMS, INC.), 16 August 2001 (16.08.2001), see the whole document --	1-29
A	US 6411492 B1 (ARJUN KAR-ROY ET AL), 25 June 2002 (25.06.2002), see the whole document --	1-29
A	US 6025226 A (JEFFREY P. GAMBINO ET AL), 15 February 2000 (15.02.2000), see the whole document --	1-29

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

8 July 2004

Date of mailing of the international search report

22 -07- 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0539685 A1 (INTERNATIONAL BUSINESS MACHINES CORPORATION), 5 May 1993 (05.05.1993), see the whole document -----	1-29

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WO	0159843	A1	16/08/2001	NONE		
US	6411492	B1	25/06/2002	AU	6347801 A	03/12/2001
				WO	0191144 A	29/11/2001
US	6025226	A	15/02/2000	US	6166423 A	26/12/2000
EP	0539685	A1	05/05/1993	JP	5218301 A	27/08/1993
				US	5155657 A	13/10/1992